

Serial No.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Fu et al.

09/712749

November 14, 2000

Group Art Unit:

3729

Art Unit

PATENT €T00-020

Examiner:

LOW PROFILE INTEGRATED MODULE INTERCONNECTS AND

		METHOD OF FABRICATION	
		CERTIFICATE OF MAILING	
	PO AS	ERREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THIS STAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: SISTANT COMMISSIONER FOR PATENTS SISTANT COMMISSIONER FOR PATENTS SISTANT COMMISSIONER FOR PATENTS A Date of Deposit MOTOROLA INC.	E UNITED STATES
		Name of Assignee 12-12-02	-
		SIGNATURE DATE	RECEIVED DEC 1 8 2002
		INFORMATION DISCLOSURE STATEMENT (IDS)	DEC 1 8 2002
		dissioner For Patents C. 20231	TECHNOLOGY CENTER R3700
SIR:			~n H3700
	on attach	ordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 a ned Form PTO/SB/08 and/or subsequently identified herein, are being of the United States Patent and Trademark Office.	
I.	COPIE a.⊠ b.□	A legible copy of (i) each U.S. and foreign patents; (ii) each publication caused it to be listed; and (iii) all other information or that portion which included herewith. Any patents, publications or other information which are listed on PTC enclosed herewith were previously cited by or submitted to the PTO is applications which has been relied upon for an earlier filing date under 35 to	Caused it to be listed, is O/SB/08 which are not none of the following
		U.S. Serial Number U.S. Filing	Date
II.	a. 🛚	ISE EXPLANATION OF THE RELEVANCE (check at least one box) Except as may be indicated below in (b) of this section, all of the patent information are in the English language (concise explanation not required).	•
	b. 🗌	A concise explanation of the relevance of all patents, publications or other is not in the English language is as follows:	r information listed that
	c. 🔲	The following additional information is provided for the Examiner's consideration	leration:
III.	The Ex	S REFERENCE TO RELATED APPLICATION(S) aminer is advised that the following co-pending application(s) contain(s) sub to the present application. By bringing this (these) applications to the	

Filing Date

FEES

V. 🔲	THIS II	OS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)
	a. 🗌	within three months of the filing date of a national application other than a continued prosecution
	b.	application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required. within three months of the date of entry of the national stage as set forth in § 1.491 in an interestical and interestical a
	c.	international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required. before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or
	d. 🗌	statement is required. before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
V. 🔯	before t	OS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box) the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance 7 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R. §1). No statement; therefore, charge deposit account 502117the fee set forth in 37 C.F.R. §1.17(p). See the statement below. No fee is required.
VI. □		OS IS BEING FILED UNDER 37 C.F.R. §1.97(d): fore payment of the issue fee and is accompanied by the following: a statement under 37 C.F.R. §1.97(e) as provided below; and charge deposit account 502117 the petition fee set forth in §1.17(p).
VII. 🛛	·	MENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)
		ersigned hereby states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS;
•	b.	or no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
	c.	some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.
VIII.	PAYME	A check in the amount of is enclosed for the above-identified fee(s). Please charge Deposit Account No. 502117 in the amount of \$180.00 for the above-indicated fee(s).
	\boxtimes	If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 502117.
		Two Copies of this paper are attached for Deposit Account charges and debits.

It is Applicant(s)' opinion that the claims presently on file patently distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 502117

Respectfully submitted,

Fu et al.

William E. Koch

Attorney for Applicant(s)

Reg. No. 29,659 Tel. 602-952-3486

MOTOROLA, INC. Customer Number 23330

Enclosures:

PTO/SB/08

References

Foreign Search Report

Other:



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Substitute for fo	orm 1449A/PTO			Complete if Known		
				Application Number	09/712749	
INFORMATION DISCLOSURE				Filing Date	November 14, 2000	
STATEMENT BY APPLICANT				First Named Inventor	Fu et al.	
				Group Art Unit	3729	
(use as many sheets as necessary)				Examiner Name		
Sheet	<i>j</i>	of	7	Attorney Docket Number	CT00-020	

			U. S. PATENT DOCUMENT	S	
Examiner Initials*	Cite No. U.S. Patent Document Number Kind Code ² (if known)			Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	4790894	Homma et al.	12/13/88	
	2	5235496	Chomette et al.	8/10/93	
	3	4635093	Ross	1/6/87	
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FOREIGN PATENT DOCUMENTS						
Cite No.	Office ³	Foreign Patent Document Number ⁴ Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7 6
4	EP	0582881A1	Murata Manufacturing Co.	2/16/94	·	
5	EP	0933816A2	Taiyo Yuden Co.	8/4/99		Т
6	EP	0997941A2	Ngk Spark Plug Co.	5/3/00	·	
7	EP	1050906A1	Murata Manufacturing Co.	11/8/00		
8	wo	00/19532	Conexant Systems Inc.	4/6/00		
9	wo	99/41957	Merrimac Industries, Inc.	8/19/99		
	5 6 7 8	Office ³ 4 EP 5 EP 6 EP 7 EP 8 WO	Cite No.	Cite No.	Cite No.	Cite No. Foreign Patent Document Office ³ Number ⁴ Kind Code ² Applicant of Cited Document MM-DD-YYYY Pages, Columns, Lines, Where Relevant Passages or Relevant

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Examiner		Date	
Signature		Considered	
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copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.